

Sunbury-on-Thames.
Urban District Council.

Annual Report
— of the —
Medical Officer of Health
— for —
1905.
—————

Edward F. Palgrave.
M.R.C.S. Eng. L.R.C.P. Lond.;
Medical Officer of Health.

Riverbank
Sunbury-on-Thames.
Middlesex.

March 12th 1906.

Gentlemen,

I beg to submit my Annual Report for the year 1905.

The total number of Births registered during the year was 138. Boys 72. Girls 66. this gives a Birth Rate of 29 per 1000 on an estimated population of 4750.

The total number of Deaths registered during the year was 52 giving a Death Rate of 10.9 on the estimated population.

There are in addition to these, 6 Deaths of persons belonging to the District which were registered outside.

The number of children dying under 1 year was 17.

The Zymotic Death Rate was .84 and the Infant Mortality Rate 123.2.

The number of illegitimate children was 3; 1 Boy, 2 Girls.

The total number of Infectious Diseases notified was 31 - Diphtheria 10 - Scarlet Fever 20 - Enteric 1.

Infectious
Disease.

Contrasted with the preceding years 1904 & 1903 these figures are very satisfactory. At no time during the year was there any thing approaching an Epidemic of Diphtheria, the 10 cases being distributed over 5 months. The majority of the Scarlet Fever cases were in January & February - the 20 cases were accounted for by 9 centres of infection; the source of infection in the solitary case of Enteric could not be determined.

Isolation
Hospital.

You have not yet found it possible to provide a special building for the reception of cases of

Infectious Disease. I have discussed the question repeatedly with several of those interested and opinion is practically unanimous that such building would prove of great advantage to the District, and in this view I also concur.

The choice lies between the use of some building already in existence, or erecting one specially, arrangements for utilising the first alternative were nearly completed, when unfortunately an insurmountable obstacle arose; as regards the second alternative the difficulties are two-fold, namely to find a suitable site and to provide the money necessary for the purpose. The first point could, I think, easily be settled, and as regards the second it is by no means improbable that in the long run an Isolation Building would justify its existence from a monetary point of view by saving the rate-payers expense. The matter has, I know, not been put aside and continues to occupy your attention. I am satisfied that the disinfection of infected rooms is performed in a perfectly efficient manner - the method used for the room is the employment of Formalin Vapour. As regards articles of infected clothing, as there is no steam disinfection apparatus, the Formalin spray is used.

Measles
Epidemic.

Towards the latter end of November measles were very prevalent among the children attending St Mary's Schools, in order to check the epidemic I recommended that the Schools should be closed; this was done with very beneficial results and the Schools re-opened at the proper time in January, without any recurrence of the trouble.

There has not been any instance of over-crowding reported during the year.

There are no common lodging houses in the district.

As regards houses let in lodgings one complaint was received and dealt with.

The Caravans in the District were periodically inspected.

As regards the Water-supply of the District 90 % of the houses are supplied by the Grand Junction Waterworks Co. - the remainder draw their supplies from wells and Abyssinian tubes.

There has been no trouble with the sewerage or Sewage disposal.

New Main. A new rising-main and air-main is being laid from Sunbury Common to the Sewage works, this will have the effect of making the sewage of Sunbury Common independent of the Nursery Road Station.

The Slaughter-houses, Cowsheds, Dairies and Milk-Shops in the District have been periodically inspected and their condition has been uniformly satisfactory.

There are no Offensive-trades in the District

There has not been a single instance of Unsound food offered for sale during the year.

The House-refuse is collected weekly by the Council's dust cart, the outlying districts are attended to once in every 3 weeks.

The Mortuary - Accommodation is good.

Bridge Place.

The property formerly known as Bridge Place has engaged your attention, it has now been thoroughly and efficiently altered and all the required improvements made, the Magistrates Order to close was withdrawn by permission.

I attach the Tables and Forms required by the County Council.

In conclusion I should like to thank Mess^{rs} Goddard and Coales for the kind help they have given me in various ways during my first year of office.

I am, Gentlemen,

Your obedient Servant,

Edward F. Palgrave,

M. R. C. S. Eng. L. R. C. P. Lond.

Table 1.

Vital Statistics of Whole District during 1905 and previous years.

Name of District - Sunbury on Thames.

Year	Population estimated to middle of each year.	Births		Total deaths registered in the district.				Total deaths in Public Institutions in the district	Deaths of Non-residents registered in Public Institutions in the district	Deaths of Residents registered in Public Institutions beyond the district	Nett deaths at all ages belonging to the district	
		Number	Rate *	Under 1 year of age		At all ages.					Number	Rate *
				Number	Rate per 1000 Births registered	Number	Rate *					
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
1895												
1896	4400	146	33.2	12	82.1	44	10.0				44	10.0
1897	4500	118	26.2	23	194.9	65	12.2				65	12.2
1898	4555	134	29.4	21	156.6	79	17.3				79	17.3
1899	4622	130	28.1	12	92.3	63	13.6				63	13.6
1900	4540	142	31.2	13	91.5	63	14.0				63	14.0
1901	4619	131	28.3	17	129.8	63	13.6				63	13.6
1902	4700	134	28.6	15	80	58	12.5				58	12.5
1903	4781	141	29.4	17	120.5	60	12.5				60	12.5
1904.	4580	145	31.6	23	158.6	86	18.7	none	none	2	88	19.3
Averages for years 1895-1904	4588	135	29.4	17	125.9	64	13.9	-	-	-	64	13.9
1905	4750	138	29	17	123.2	52	10.9	none	none	6	58	12.2

* Rates in columns 4, 8 and 13 calculated per 1000 of estimated population.

Note. The deaths to be included in column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in column 12 are the number in column 7, corrected by the subtraction of the number in column 10 and the addition of the number in column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres (exclusive of area covered by water) } 2660

Cannot give area exclusive of water.

Total population at all ages 4544
 Number of inhabited houses 938
 Average number of persons per house 4.84

} Census of 1901

[See over.

<p><i>I.</i> Institutions within the District receiving sick and infirm persons from outside the district.</p>	<p><i>II.</i> Institutions outside the District receiving sick and infirm persons from the district.</p>	<p><i>III.</i> Other Institutions, the deaths in which have been distributed among the several localities in the district.</p>
<p><i>None.</i></p>	<p><i>Workhouse.</i> <i>Staines Union</i> <i>Infirmary.</i> <i>Stanwell.</i></p> <p><i>Small Pox</i> <i>Hospital</i> <i>Stanwell.</i></p>	
<p><i>Is the Union Workhouse within the District? No.</i></p>		

Table III.

Cases of Infectious Disease notified during the year 1905.

Name of District - Sunbury on Thames.

Notifiable Disease.	cases notified in whole district							Total cases notified in each locality							N ^o of cases removed to Hospital from each					
	At all ages.	At ages † - Years						1	2	3	4	5	6	7						
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards													
Small Pox								1	2	3	4	5	6	7	1	2	3	4	5	6
Cholera																				
Diphtheria	10		3	5	1	1														
Membranous croup.																				
Corypelas																				
Scarlet Fever	20	2		17	1															
Typhus Fever																				
Enteric Fever	1						1													
Relapsing Fever																				
Continued Fever																				
Puerperal Fever																				
Plague																				
Totals	31	2	3	22	2	2														

Notes.- The localities adopted for this table should be the same as those in Tables II and IV.

State in space below the name of the Isolation Hospital, if any to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. The name of the authority by whom the Hospital is provided should also be given. Mark (V) the locality in which a workhouse is situated.

* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.
 † These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital Smallpox Hospital, Haines Union.

Table IV.

Causes of, and Ages at, Death during Year 1905.

Name of District. Sunbury-on-Thames.

(See Notes at Back).

Causes of death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the district							Deaths at all ages of "Residents" belonging to localities whether occurring in or beyond the district							Total deaths whether of Residents or non-Residents in Public Institutions in the district.
	All ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Small pox.															
Measles	1		1												
Scarlet Fever	1					1									
Whooping cough	1	1													
Diphtheria & membranous croup	1		1												
Croup															
Fever { Typhus															
Enteric	1					1									
Other continued															
Epidemic influenza															
Cholera															
Plague															
Diarrhoea (See notes at back)															
Enteritis (See notes at back)															
Puerperal fever (See notes at back)															
Erysipelas															
Other septic diseases	1					1									
Phthisis (Pulmonary Tuberculosis)	5				1	4									
Other tubercular diseases	4	1	1			2									
Cancer, malignant disease (See notes at back)	3					2	1								
Bronchitis	3	2	1												
Pneumonia	4	1	2			1									
Pleurisy	1						1								
Other diseases of respiratory organs															
Alcoholism															
Cirrhosis of liver															
Venereal diseases															
Premature birth	4	4													
Diseases and accidents of parturition.															
Heart diseases	6			1		2	3								
Accidents	2	1	1												
Suicides															
Marasmus	3	3													
Convulsions	3	1													
Chlorosis	1					1									
All other causes	13	1	1			4	7								
All causes	58	15	8	1	1	19	12								

(a) In this Table all deaths of "Residents" occurring in public institutions whether within or without the district, are to be included with the other deaths in the columns for the several age groups (columns 2-8). They are also, in columns 9-15, to be included among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-residents" occurring in public institutions in the district are in like manner to be excluded from columns 2-8 & 9-15 of this Table.

(b) See notes on Table 1 as to the meaning of "Residents" and "Non-residents" & as to the "Public Institutions" to be taken into account for the purposes of these Tables. The "Localities" should be the same as those in Tables 2 & 3.

(c) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-residents" are, in addition to being dealt with as in note (a) to be entered in the last columns of this Table. The total number in this column should equal the figures for the year in column 9, Table 1.

(d) The total deaths in the several "Localities" in columns 9-15 of this Table should equal those for the year in the same localities in Table 2, sub-columns c. The total deaths at all ages in column 2 of this Table should equal the gross total of columns 9-15, & the figures for the year in column 12 of Table 1.

(e) Under the heading of Diarrhoea are to be included deaths certified as from diarrhoea alone or in combination with some other cause of ill-defined nature; and also deaths certified as from

Epidemic enteritis;

Zymotic enteritis;

Epidemic diarrhoea, Summer diarrhoea;

Dysentery & dysenteric diarrhoea.

Choleraic diarrhoea, cholera nostras

(in the absence of Asiatic cholera).

Under the heading of Enteritis are to be included those certified as from Gastro-enteritis, Muco-enteritis, & Gastric catarrh, unless from information obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term Diarrhoea. Deaths from diarrhoea secondary to some other well defined disease should be included under the latter.

Under the headings of "Cancer" & "Purpural fever" should be included all registered deaths from causes comprised within these general terms.

In recording the facts under the various headings of Tables 1, 2, 3 & 4, attention has been given to the notes on the Tables.

Medical Officer of Health.

Date 1906

Table V.
Borough of Sunbury on Thames Urban District.
Infantile Mortality during the year 1905.

Deaths from stated causes in weeks and months under one year of age

Cause of death.		under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-2 months.	2-3 months.	3-4 months.	4-5 months.	5-6 months.	6-7 months.	7-8 months.	8-9 months.	9-10 months.	10-11 months.	11-12 months.	Total deaths under one year.
All Causes	Certified																	
	Uncertified																	
Common Infectious diseases.	Small pox																	
	Chicken-pox																	
	Measles																	
	Scarlet Fever																	
	Diphtheria, Croup																	
Diarrhoeal diseases.	Whooping Cough															1		1
	Diarrhoea, all forms																	
	Enteritis (not tuberculous)																	
	Gastritis (not tuberculous)																	
Stunting diseases.	Premature birth	3														1		4
	Congenital defects																	
	Injury at birth																	
	Want of breast milk																	
Tuberculous diseases.	Atrophy, Debility, Marasmus							1						1			1	3
	Tuberculous Meningitis										1							1
	Tuberculous Peritonitis																	
	Tubes Mesenterica																	
Other causes	Other Tuberculous diseases																	
	Erysipelas																	
	Syphilis																	
	Rickets																	
Other causes	Meningitis (not tuberculous)																	
	Convulsions			1				2										3
	Bronchitis								1		1							2
	Laryngitis																	
Other causes	Pneumonia															1		1
	Suffocation, overlaying							1										1
	Other causes							1										1
		3		1		4		5	1		2			1		3	1	17

District (or sub-division) of Sunbury Population 4750.
 Births in the year. { legitimate 135
 { illegitimate 3 138. Estimated to middle of 1905.

Deaths from all causes at all ages 58.

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Name of Sanitary District.	Inspections.					Notices.				Dwelling-Houses.					Houses let in separate buildings or Lodgings.	Common Lodging Houses.	Number of Contraventions of Laws.	Number Registered under the Acts.	Number of Contraventions of Regulations.	Number observed during the Year.	Number of Nuisances herefrom abated.	Number removed from District.	Number in District.	Contraventions of Factory Acts.	Work-shops and Work-sheds.
	Number of Nuisances inspected on Complaint.	Number of Nuisances inspected in connection with infectious Diseases.	Number of Nuisances under Special Inspection.	Houses inspected from House to House.	Total Number of Houses, Premises &c. inspected.	Sanitary Notices Given.	Sanitary Orders issued.	Summons served.	Contraventions obtained.	Houses, Premises, &c. cleaned, repaired &c.	Floored as unfit for Habitation.	Re-opened after Repairs, Alterations, &c.	Demolished.	Illegal underground Dwelling started.	Number Registered under Bye-Laws.	Number of Contraventions.	None.	35	2	29	3				
Hampton-on-Thames.	174	143	172	1119	1381	32	2			40		16			There are no Bye-Laws in this No Common Lodging Houses.										

No 2.

Name of Sanitary District.	Laundries		Bakehouses		Draught Houses.		Cow-sheds		Dairies & Milk Sheds		Unsound Food.			Adulterated Food.		Offensive Trades.		Water Supply & Water Service.									
	Number in District.	Conventions of Factory Acts.	Number in District.	Conventions of Factory Acts.	Number on Register.	Conventions of Regulations.	Number on Register.	Conventions of Regulations.	Number on Register.	Conventions of Regulations.	Animals seized.	Articles or parcels seized.	Articles or parcels surrendered.	Samples taken.	Found adulterated.	Number of Houses in District.	Conventions of Hyge-Laws.	New Sunk.	Cleaned, repaired &c.	Closed as polluted.	Percentage of Houses supplied from Public Water Service.	New provided.	Cleaned, repaired, covered &c.	Overflow Pipes disconnected from Drains.	Chau-Japs removed from Drains to Drains.	Percentage of Houses supplied	
Sanbury-on-Thames.	5	"	5	"	2	"	7	"	5	"	"	"	"	"	"	"	"	2	3	2	Over 90%	"	"	"	"	"	Over 90%

